

Neither Lewandowski et al. (U.S. Patent No. 4,897,162) nor Lewis et al. (U.S. Patent No. 5,571,401), alone or in combination, teaches the claimed invention as defined by amended independent claim 39, and the several claims dependent thereon.

In the rejection, the Examiner acknowledges the primary reference Lewandowski et al. does not teach a plurality of working electrodes coated with different materials, treating the transient by derivative of integration methods or switching the current or voltage generator between different electrodes. However, as discussed in Applicants' specification, using a plurality of working electrodes formed of or coated by different materials is critical to the practice of the present invention, and provides transient signal responses evaluated by multi-variant methods as required by the instant claimed invention.

The secondary reference to Lewis et al. does not supply these missing teachings. Lewis et al. has been cited as teaching the use of multiple working electrodes. Even assuming *arguendo* Lewis et al. is as the Examiner characterizes, Lewis et al. does not record or register the entire transient curves of transient signal responses, and evaluate the entire transient curves of the transient signal responses by multivariate methods, as required by claim 39. Thus, no combination of Lewandowski et al. and Lewis et al. could achieve or render obvious claim 39 or the several claims dependent thereon.

Having dealt with all the objections raised by the Examiner, the Application is believed to be in order for allowance.

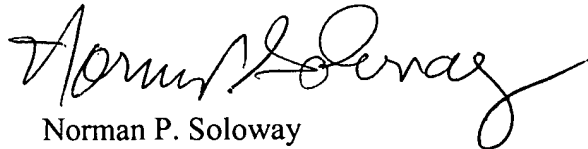
HAYES SOLOWAY P.C.

130 W. CUSHING ST.  
TUCSON, AZ 85701  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

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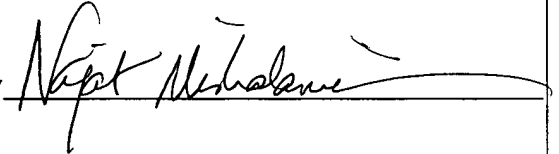
Respectfully submitted,



Norman P. Soloway  
Attorney for Applicants  
Registration No. 24,315

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By 

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**HAYES SOLOWAY P.C.**

130 W. CUSHING ST.  
TUCSON, AZ 85701  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567



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Serial No. 09/508,010  
Docket No.: BERGLUNDS P9720  
Marked Amended Claim - Amendment C

**MARKED AMENDED CLAIM 39**

39. (Amended) An electroanalytical method for analyzing a sample fluid, comprising the steps of:

(a) providing said sample fluid to an electroanalytical [call] cell equipped with [a reference electrode,] a plurality of working electrodes formed of or coated by different materials, and an auxiliary electrode;

(b) applying a series of voltage pulses of varying potential across said electrodes in order to obtain transient signal responses varied by different chemical reactions obtainable due to said plurality of working electrodes being formed or coated by said different materials;

(c) measuring said transient signal responses; [and]

(d) registering the entire transient curves of said transient signal responses; and

[(d)](e) evaluating said entire transient curves of said transient signal responses by multivariate methods[, said transient signals being parts of a response between equilibrium].